



PLOCHER PROTOCOL FOR MAIZE

Optimise **productivity**: reduce **disease** and **chemical inputs**... and increase **profits**

Stimulate natural biological processes, reduce the use of chemical fertilisers and pesticides, and improve the quality of your crop.

PLOCHER products are unique and without precedent, relying on nature and natural life cycles to provide for an ecological, profitable future for agriculture. They are not bacteria, enzymes or bugs, and are suitable for use in conventional and organic systems.



PLOCHER SOIL ACTIVATOR

Actively builds humus levels which:

- Improves soil structure by stimulating aerobic microbial activity
- Increases soil fertility by fixing nitrogen and other nutrients improving availability
- Improves the overall soil hygiene due to fewer pathogens
- Neutralises pH
- Raises water retention capacity and filtration
- Reduces recovery time after stressful conditions
- Reduces potential danger of infection from bacteria, fungi and insects
- Speeds up and improves decomposition

PLOCHER PLANTS

- Improves photosynthesis
- Optimises overall crop growth and strength
- Protects against disease and pest infestations

PLOCHER ACTIVELEAF

- Optimises photosynthesis
- Improves leaf growth
- Stimulates fertilising impulses through leaves

PLOCHER PLANTVITAL

- Improves natural resistance to disease
- Accelerates regeneration time ensuring faster recovery from pests and disease
- Protects the crop in times of drought


PLOCHER PLANTVITAL F1

- Promotes natural protection for crops against fungal disease



TO FIND OUT MORE
CALL SWIFT NATURE
ON 01280 822 188

APPLICATION

| BBCH Stage | Product Name | Product No | Quantity/Ha | Purpose | Application |
|---|--|--|--|--|---|
| Before sowing and after harvesting | Soil Activator | AK 1741 AK 1742 AK 1743 | 1 st app: 300g/300ml/300g Thereafter 200g/200ml/200g | To regenerate and cleanse soil, improve soil structure and promote fertility in the rootzone | Mix product with water (200-400 litres/ha), stir and spray—preferably in the afternoon. Repeat on badly depleted soils. Alternatively, add to slurry or manure before spreading |
| Seed preparation | PlantDO on dolomite | AP 3041 AP 3051 | 20-40g/ 100kg seeds | To improve germination rate, growth rate and protect against disease | Mix PlantDO with seeds three days prior to planting |
| Stage 20  | Soil Activator 3 + ActiveLeaf on magnesium sulphate | AK 1743 + AP 3141 AP 3151 | 150g 100g | Improve soil structure and assimilation of nutrients in rootzone, increase photosynthesis, strengthen immunity and promote strong growth | Mix product with water (70-200 litres/ha), stir and spray—preferably in the morning |
| After harvesting | Soil Activator | AK 1741 AK 1742 AK 1743 | 200g 200ml 200g | To regenerate and cleanse soil, improve soil structure and promote fertility in the rootzone | Mix product with water (200-400 litres/ha), stir and spray—preferably in the afternoon. Repeat on badly depleted soils. Alternatively, add to slurry or manure before spreading |
| Additional treatments in the event of disease or weakened plants | PlantVital F1 on dolomite* + PlantVital on magnesium sulphate *Also available on magnesium sulphate | AP 3241 AP 3251 + AP 3341 AP 3351 | 100g 100g | Apply to protect crops which are weak or have developed fungal disease or may be susceptible due to climatic conditions | Mix product with water (70-200 litres/ha), stir and spray—preferably in the morning |

ADDITIONAL INFORMATION:

Increase frequency of application in cases of poor growth or badly diseased crops.

To improve nutrient levels within the soil, spread PLOCHER-treated slurry or manure throughout the field. PLOCHER-treated manure and slurry will not scorch the crop, and nutrients are organically-bound within the rootzone, improving assimilation.

Use of a Plocher WaterKat improves effectiveness of chemical sprays.

Use of chemicals and detergents may delay the effect of PLOCHER products.

STORAGE:

Products should be stored in a cool, dry place, at least 1m from any fuse boxes or large electrical equipment. Store on wood or plastic, not metal or directly on the ground.

For the best results, the full range of products should be used together. These products are designed to have long-lasting beneficial effects and although they start working immediately, visible results may not be instantly apparent.

SWIFT NATURE

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PLOCHER 

UK Distributor

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